

Program EVALPLOT  
(Version 2021-1)

by

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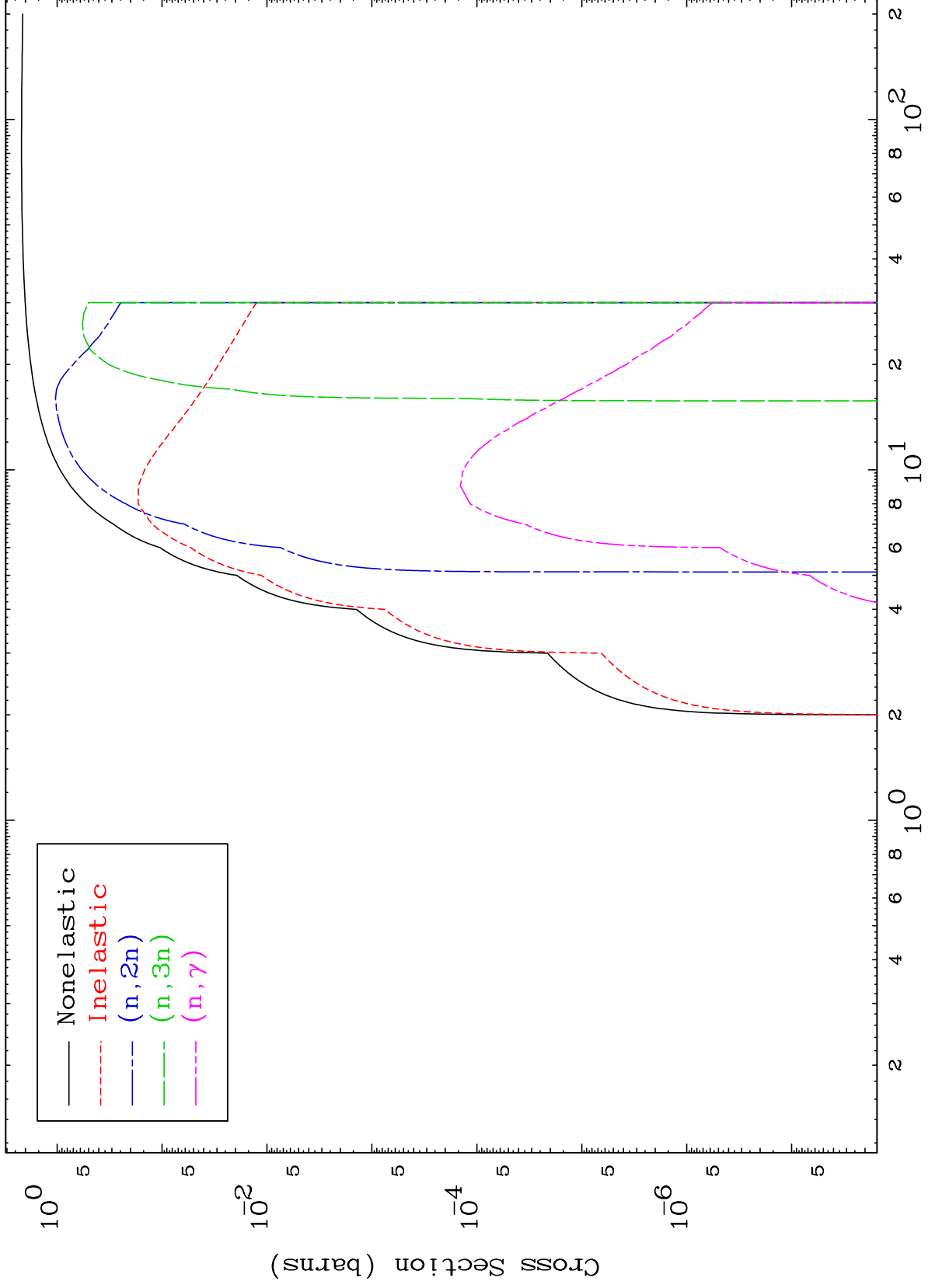
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4834

Deuteron Major  
0 Kelvin Cross Sections

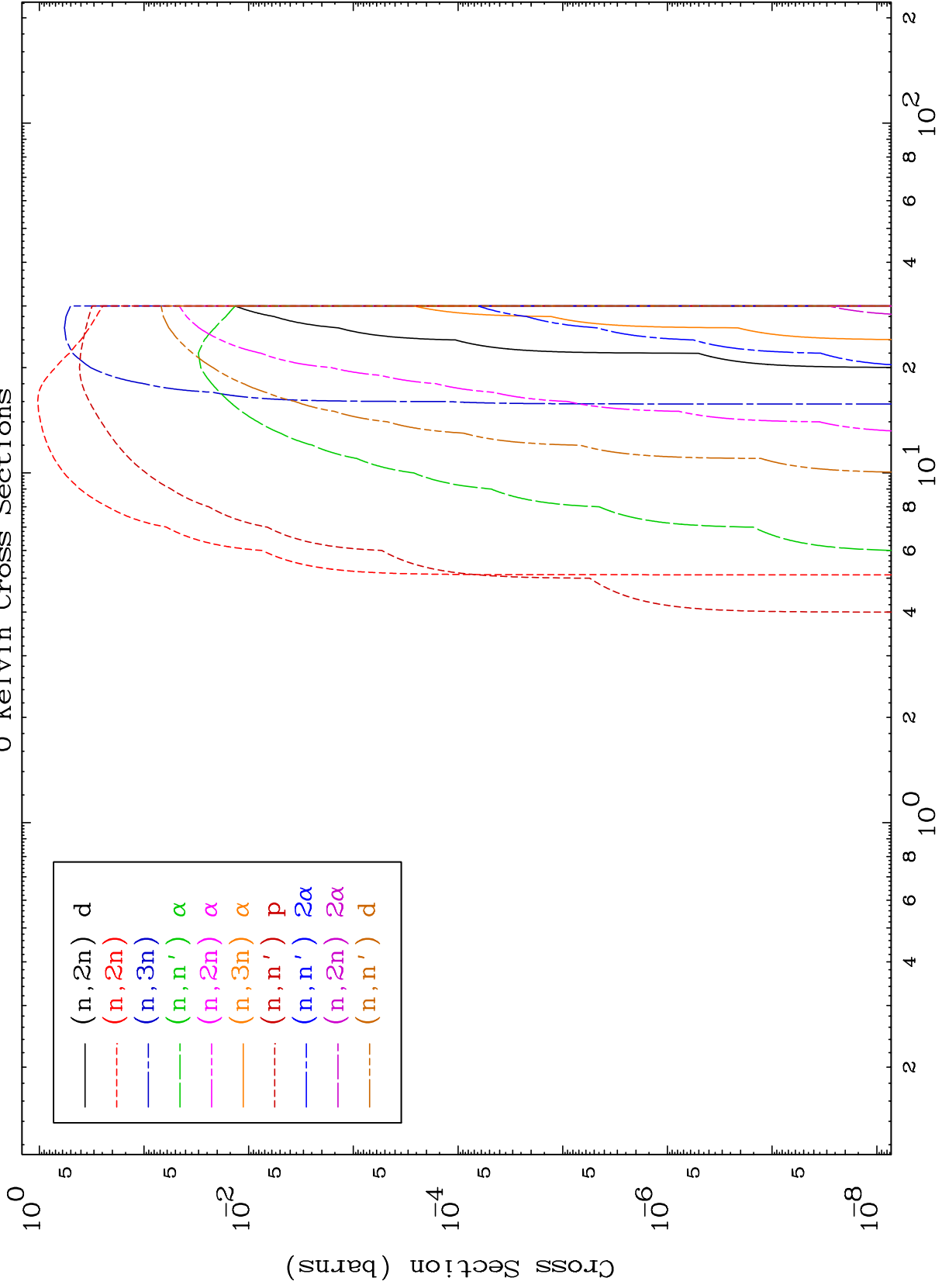
48-Cd-109



MAT 4834

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

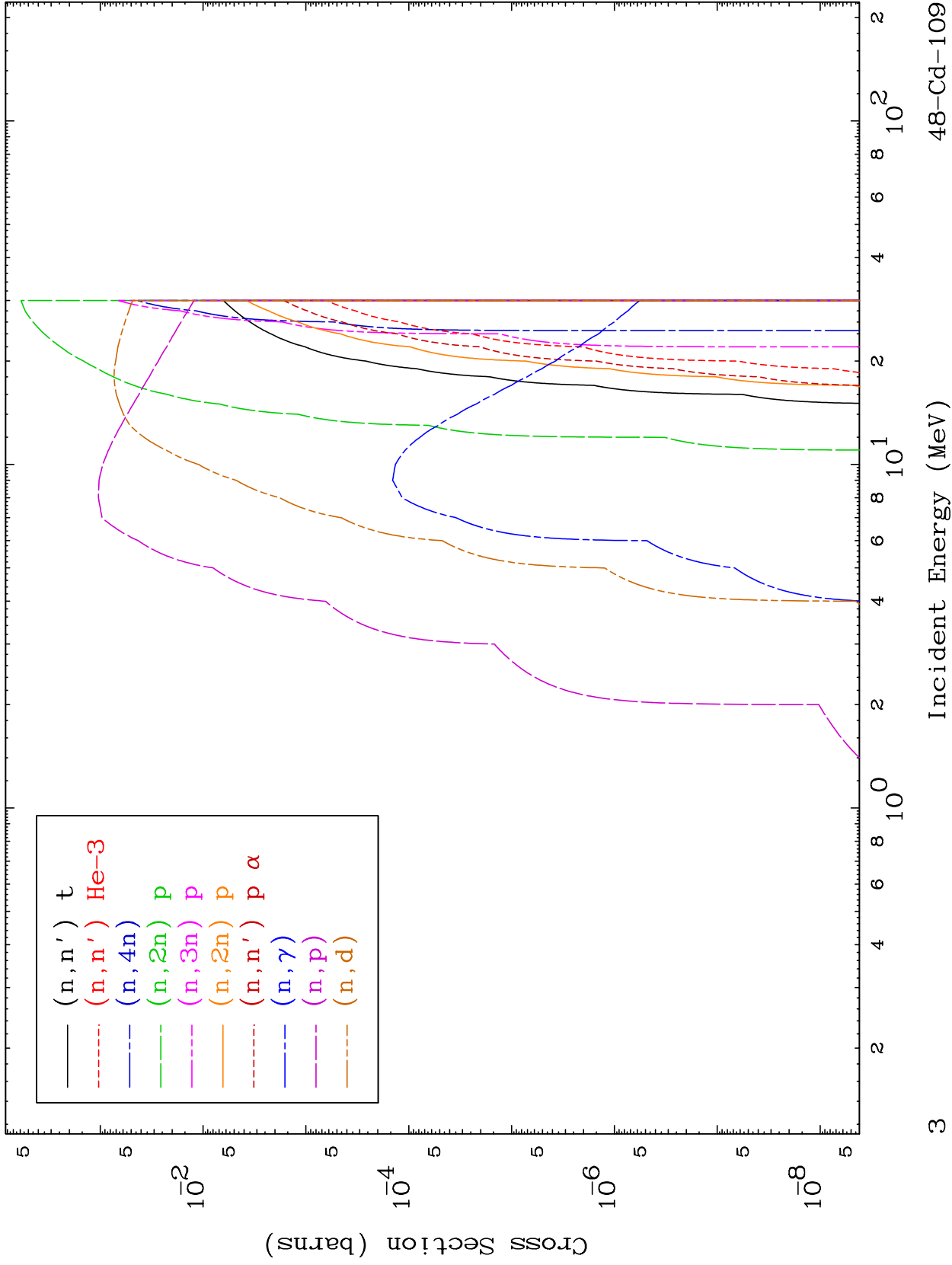
48-Cd-109



MAT 4834

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

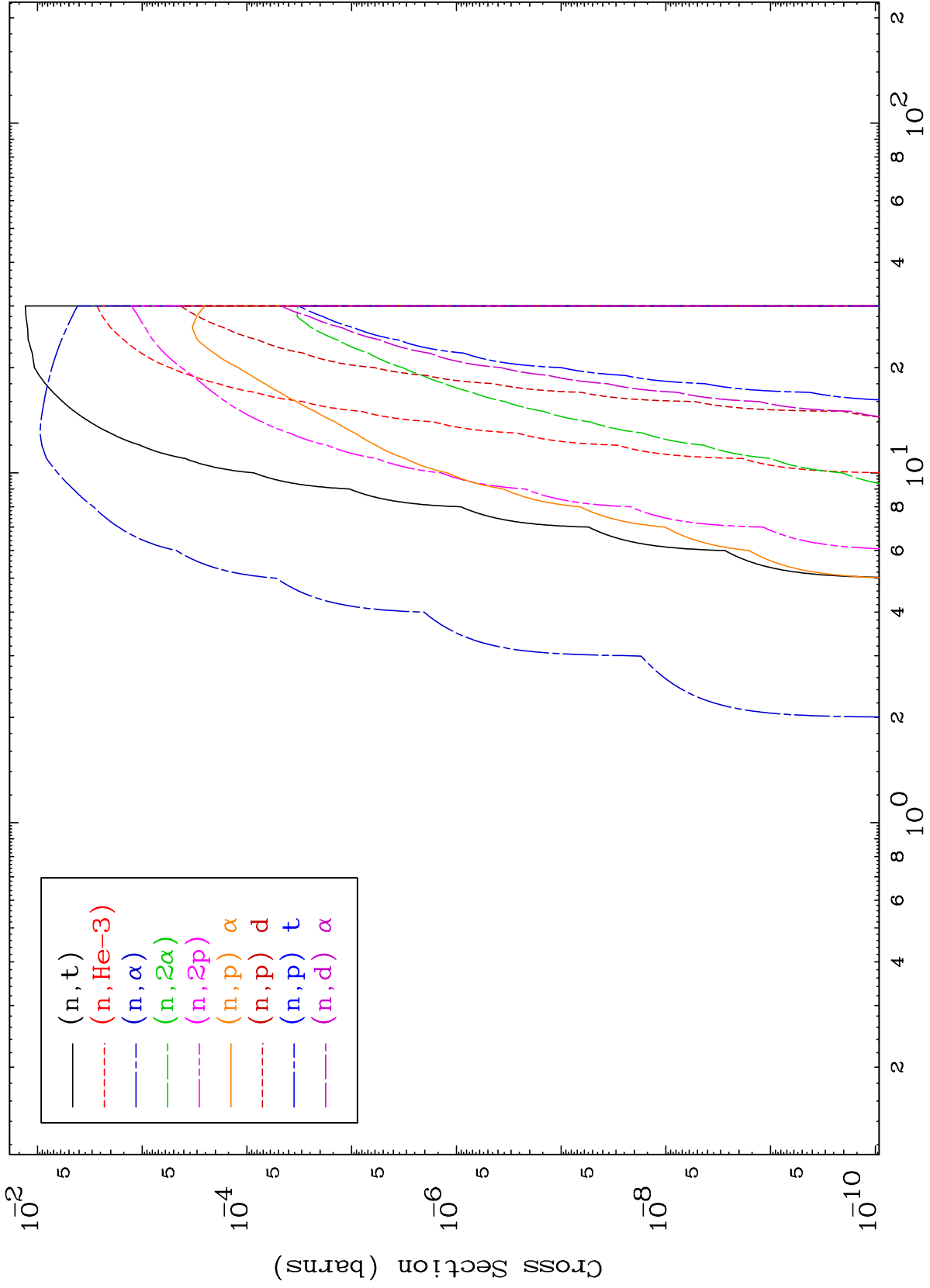
48-Cd-109



MAT 4834

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-109



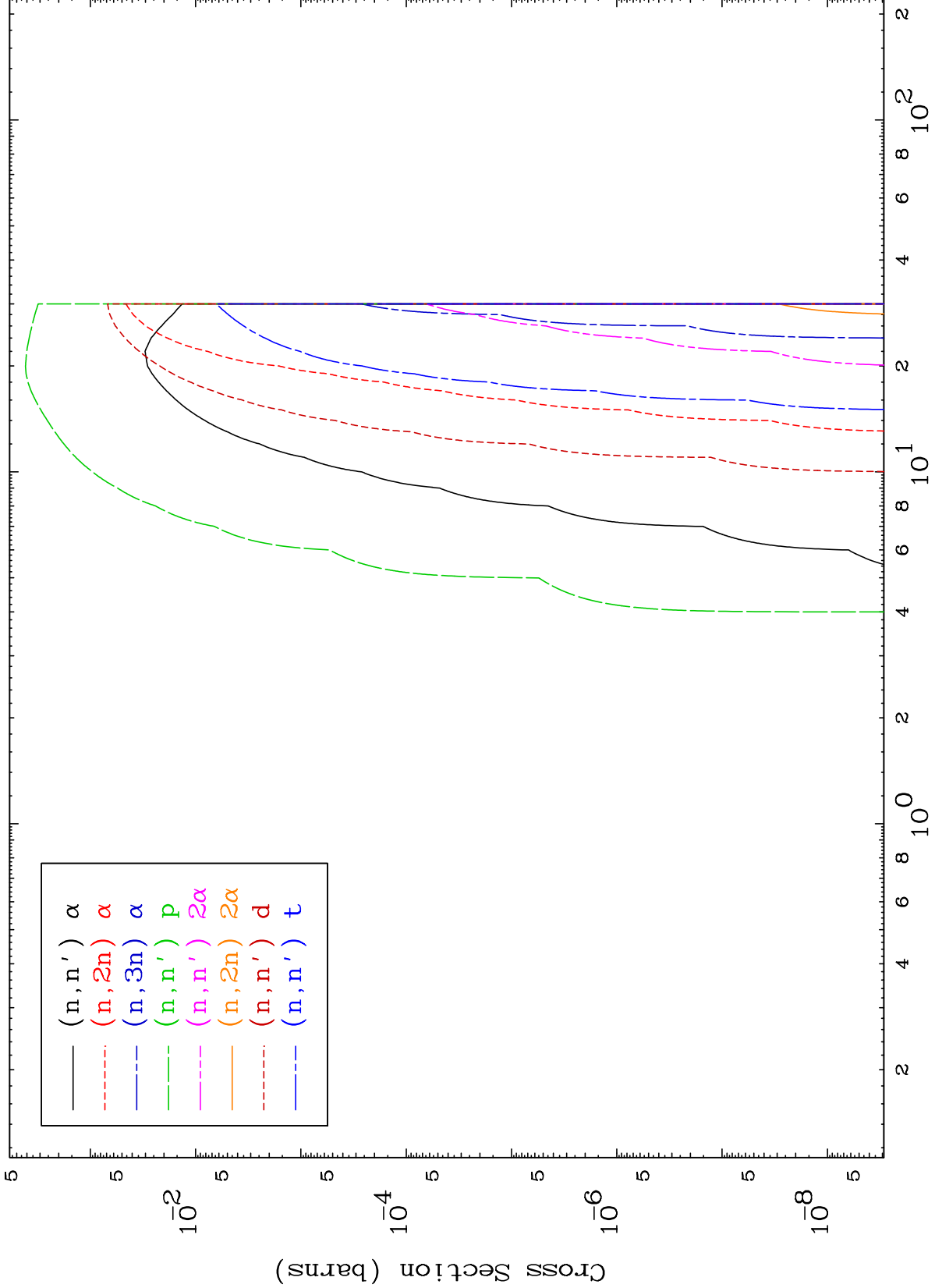
Incident Energy (MeV)

48-Cd-109

MAT 4834

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-109



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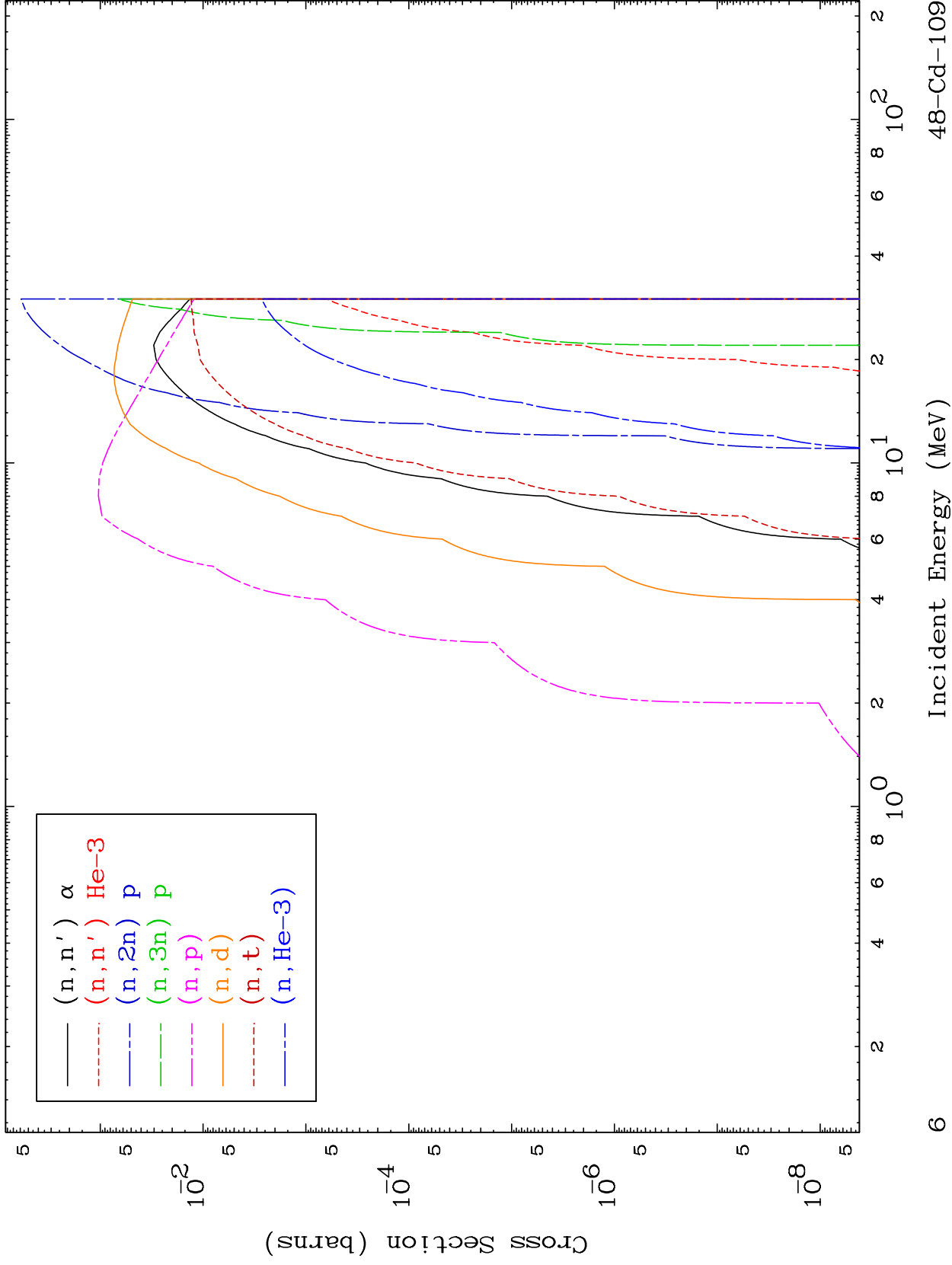
Incident Energy (MeV)

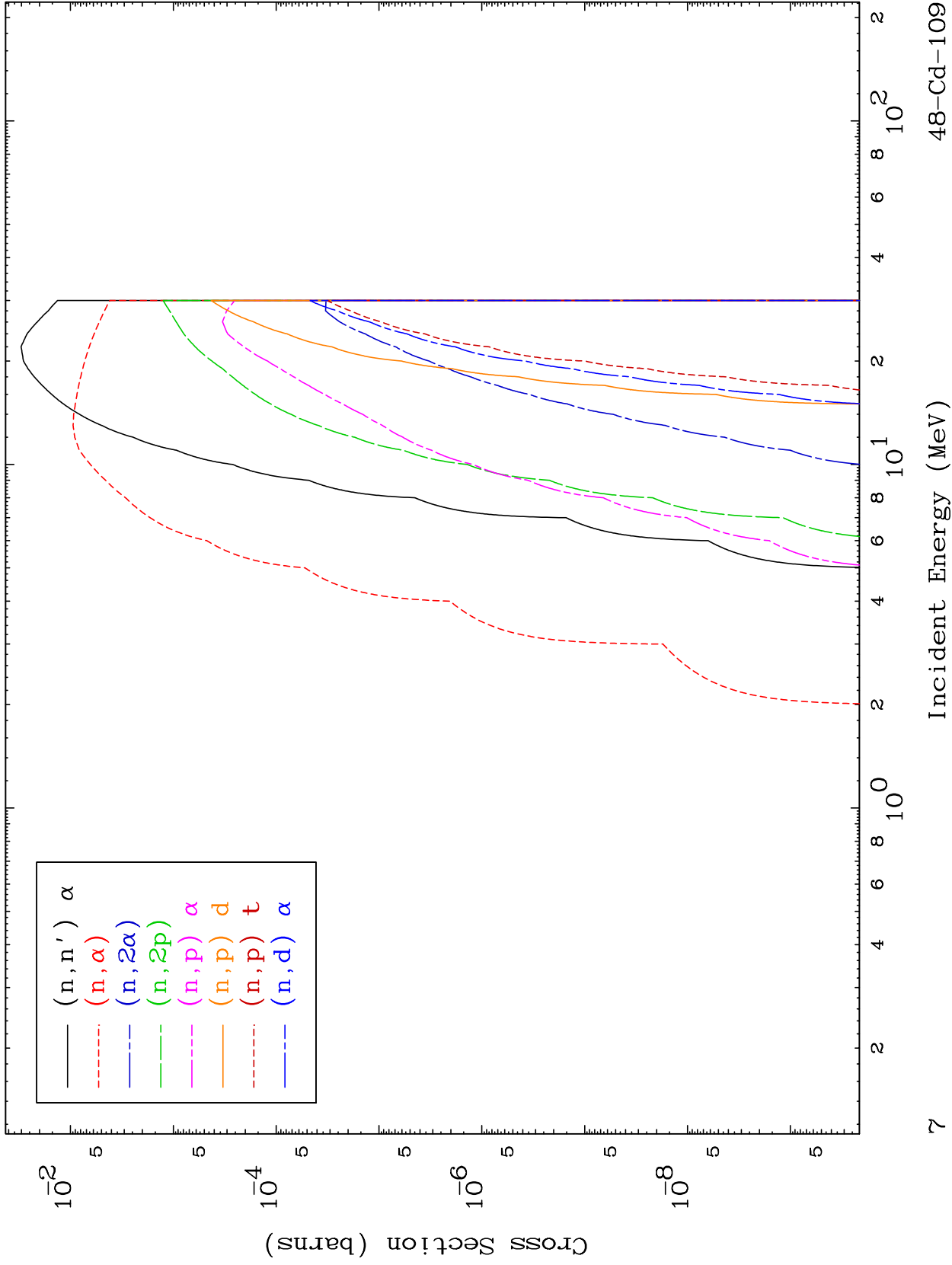
48-Cd-109

MAT 4834

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-109



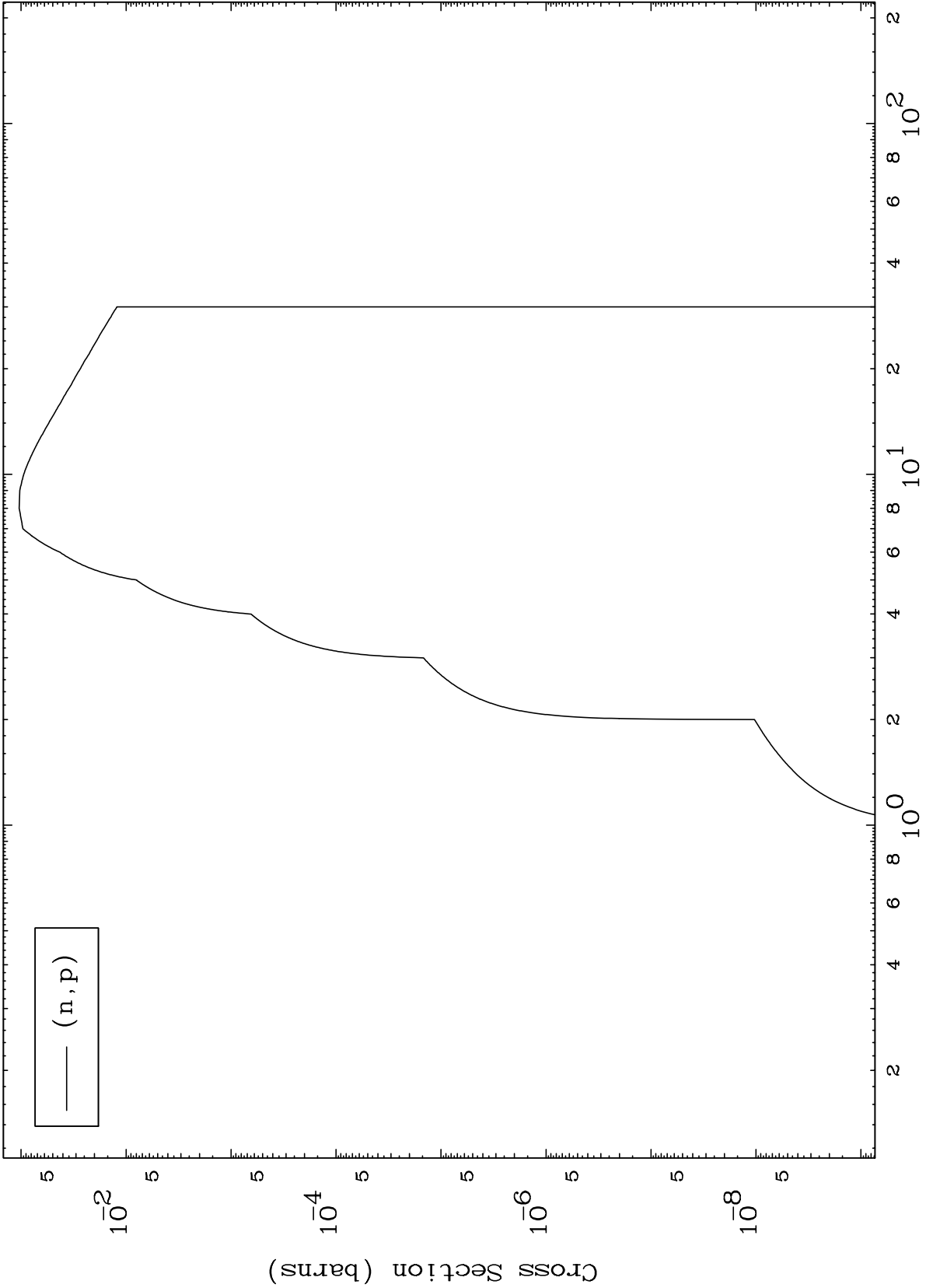




MAT 4834

48-Cd-109

(d,p) Levels  
0 Kelvin Cross Sections

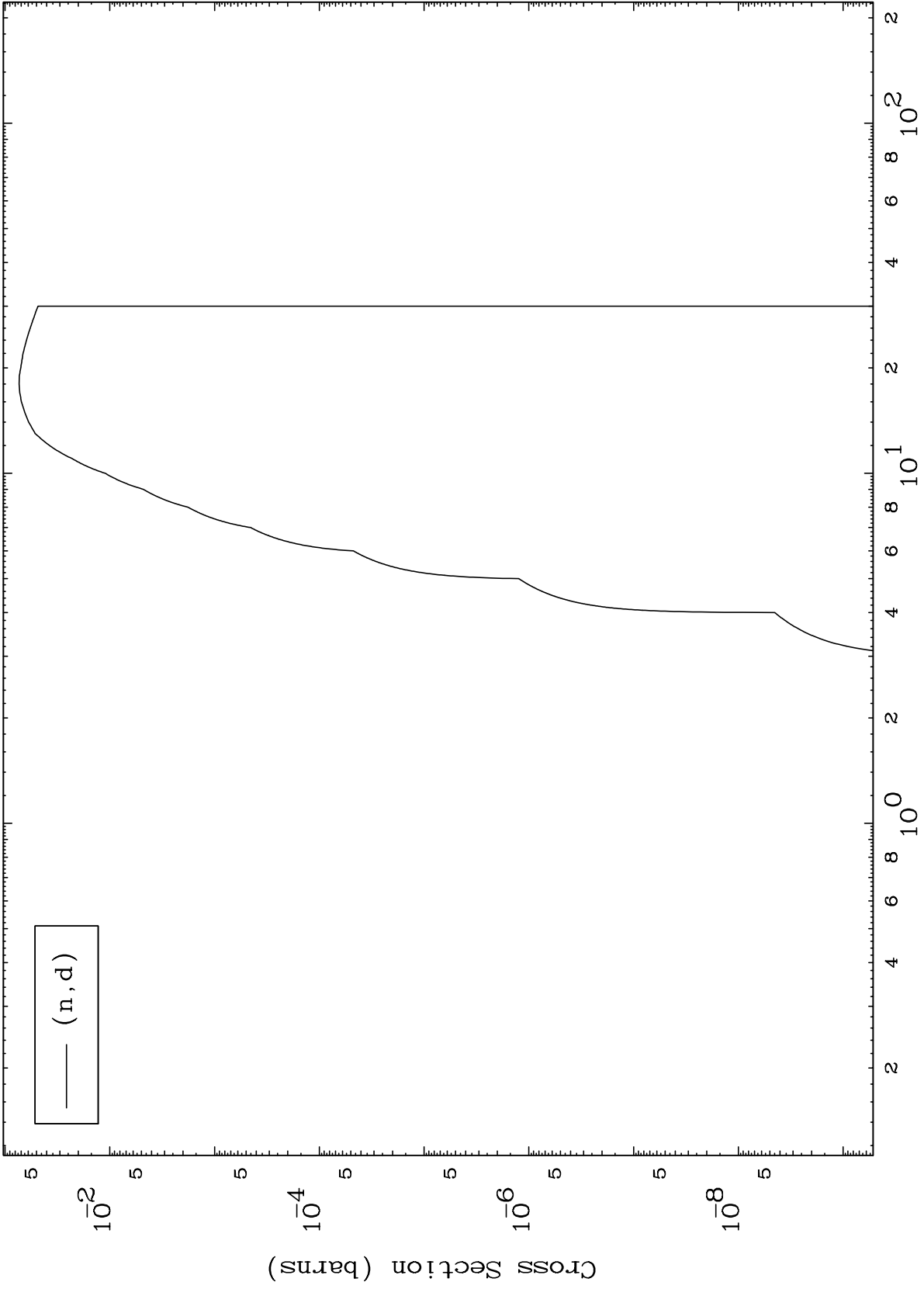


MAT 4834

(d,d) Levels

48-Cd-109

0 Kelvin Cross Sections

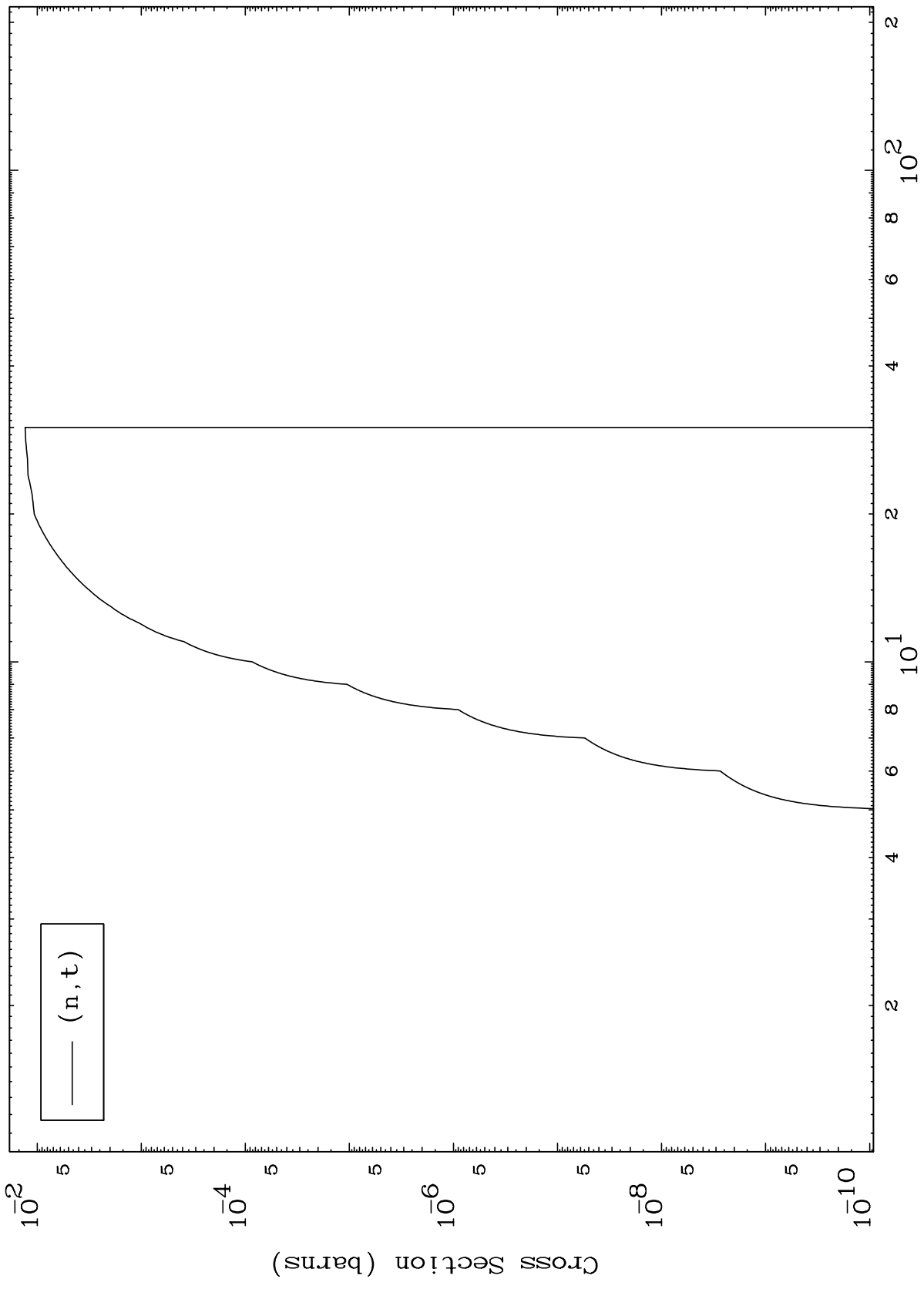


MAT 4834

(d,t) Levels

48-Cd-109

0 Kelvin Cross Sections



(n,t)

10

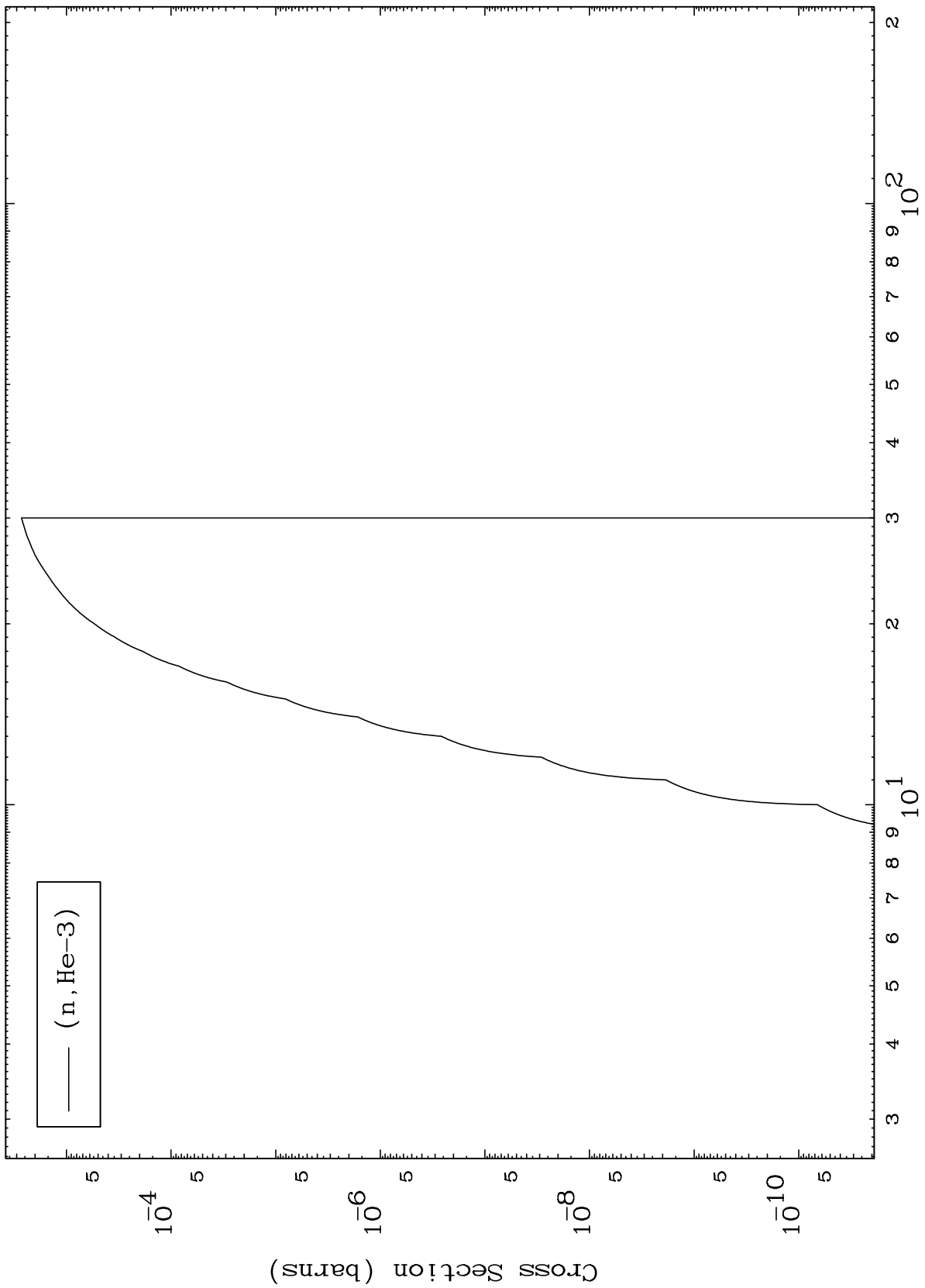
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

(d,He3) Levels  
0 Kelvin Cross Sections



11

48-Cd-109

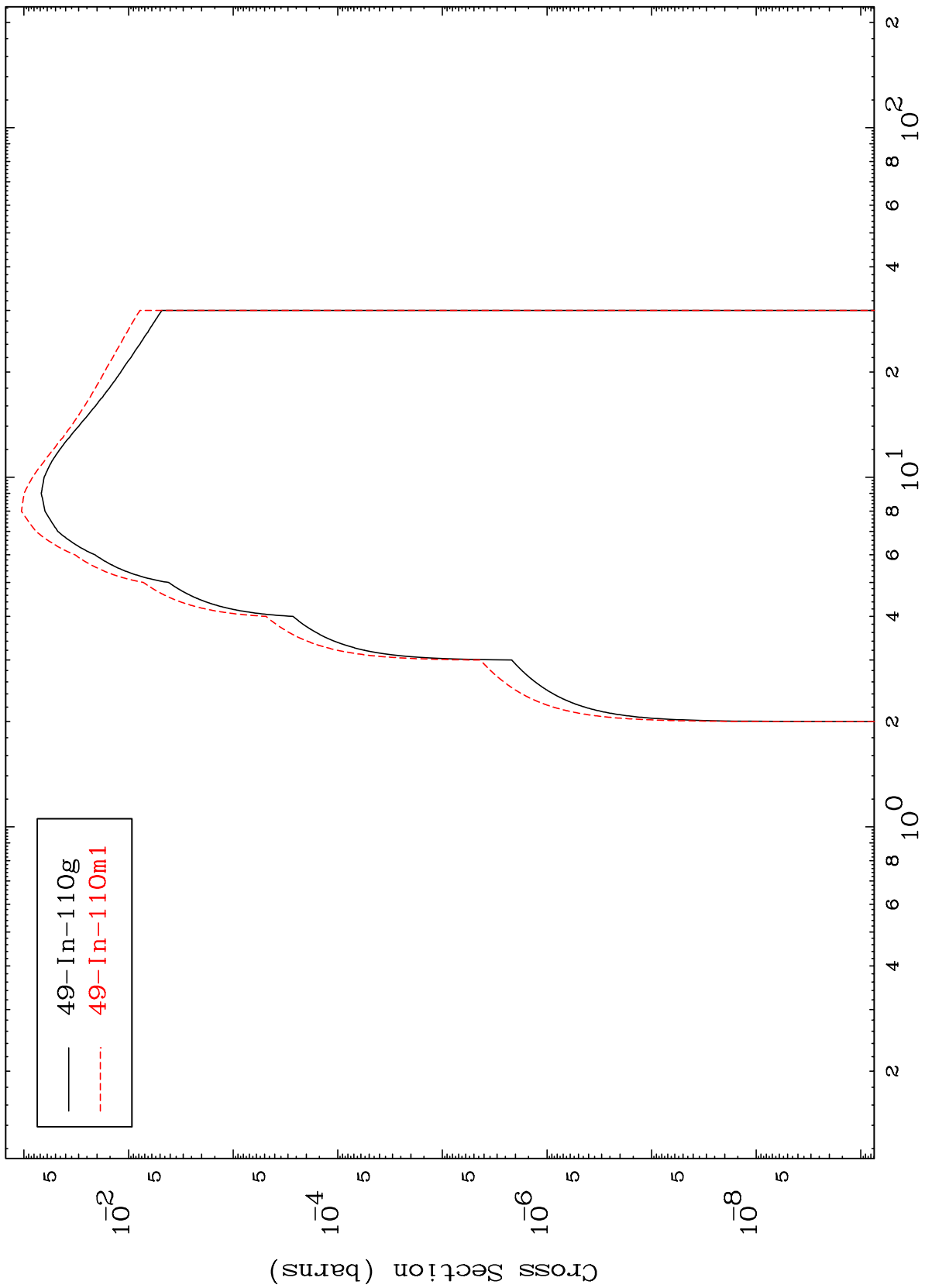
Incident Energy (MeV)



MAT 4834

48-Cd-109

Radionuclide Production Cross Section

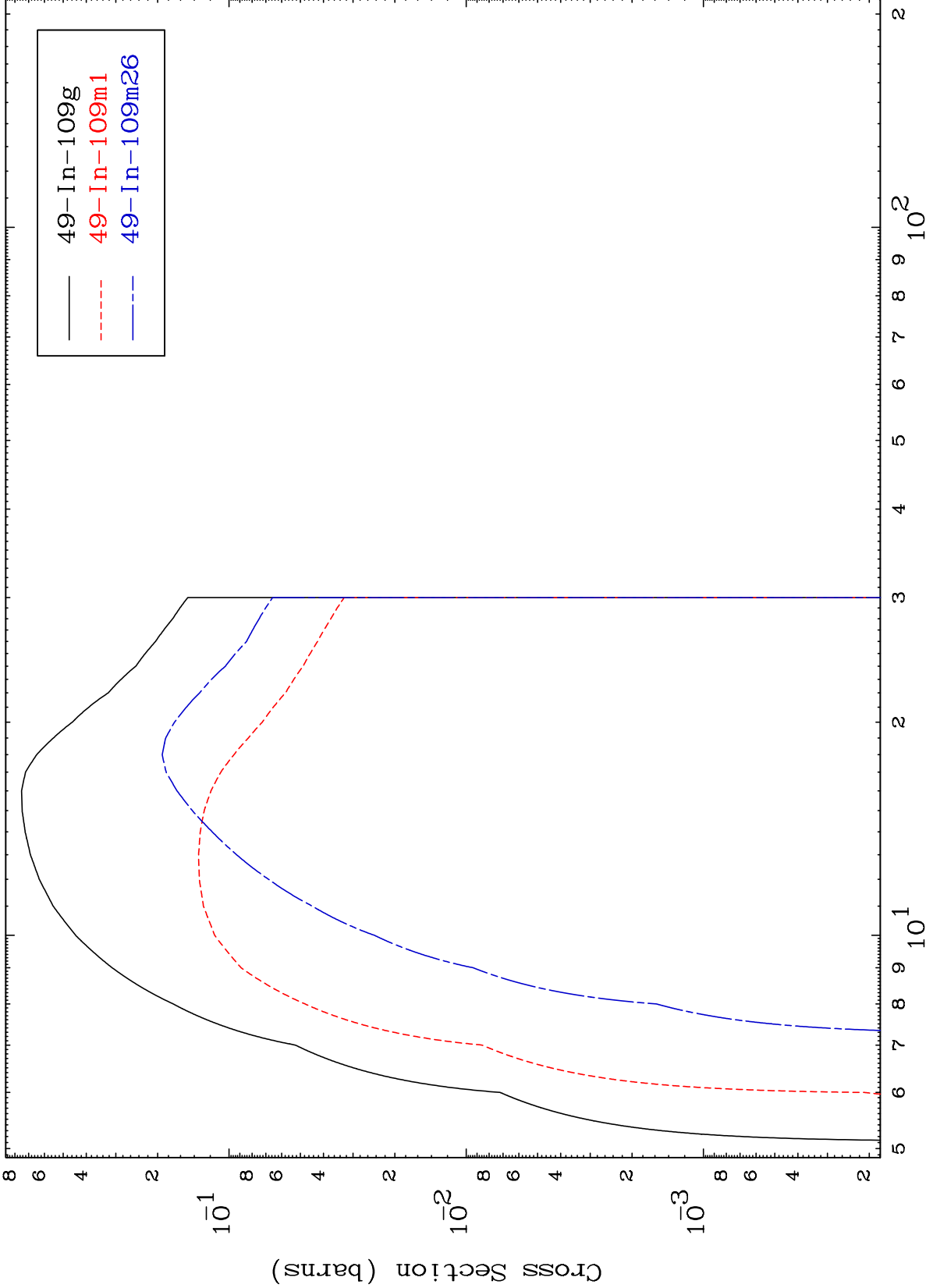


MAT 4834

(n,2n)

48-Cd-109

Radionuclide Production Cross Section



49-In-109g  
49-In-109m1  
49-In-109m26

14

Incident Energy (MeV)

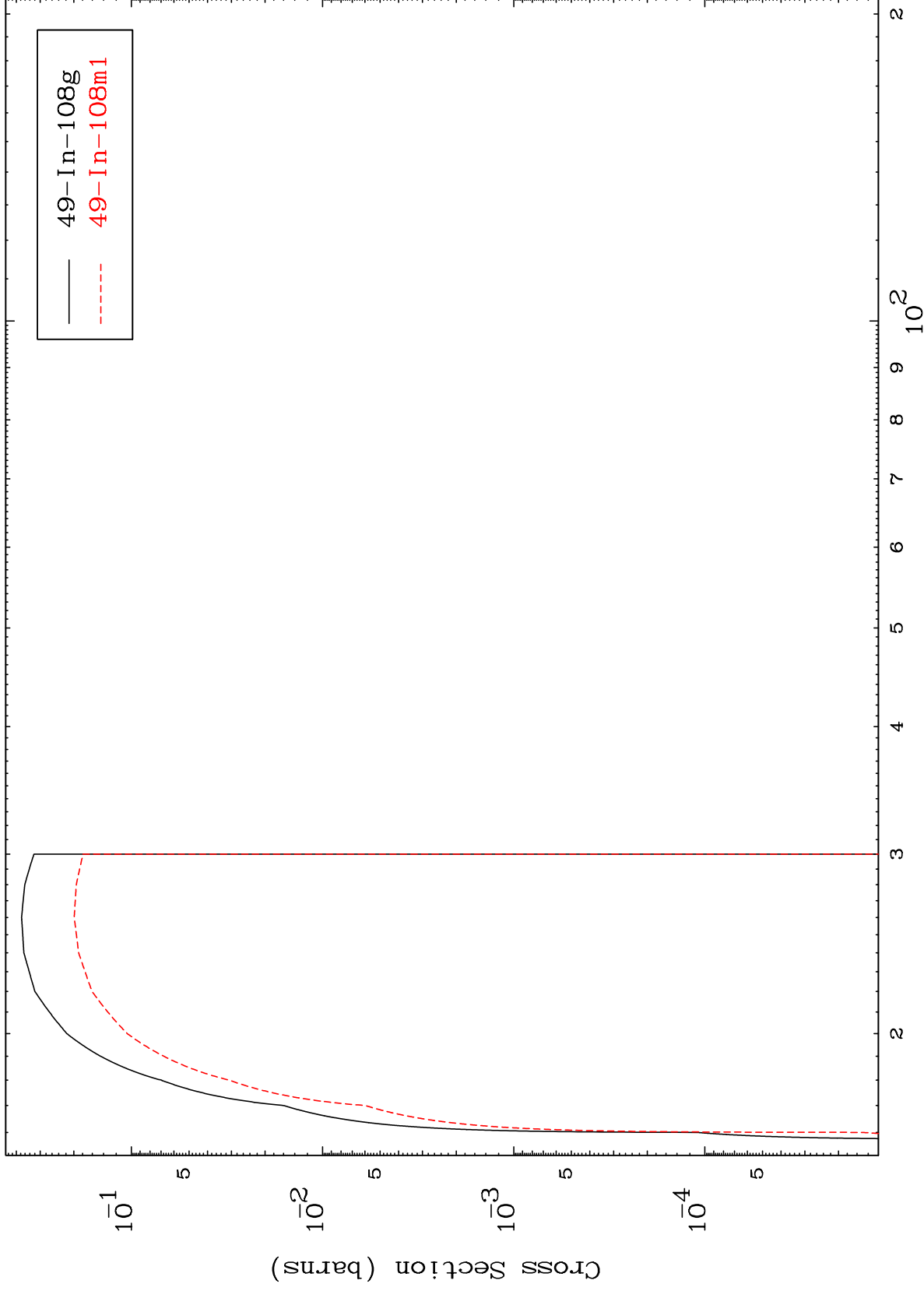
48-Cd-109

MAT 4834

(n,3n)

48-Cd-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-109

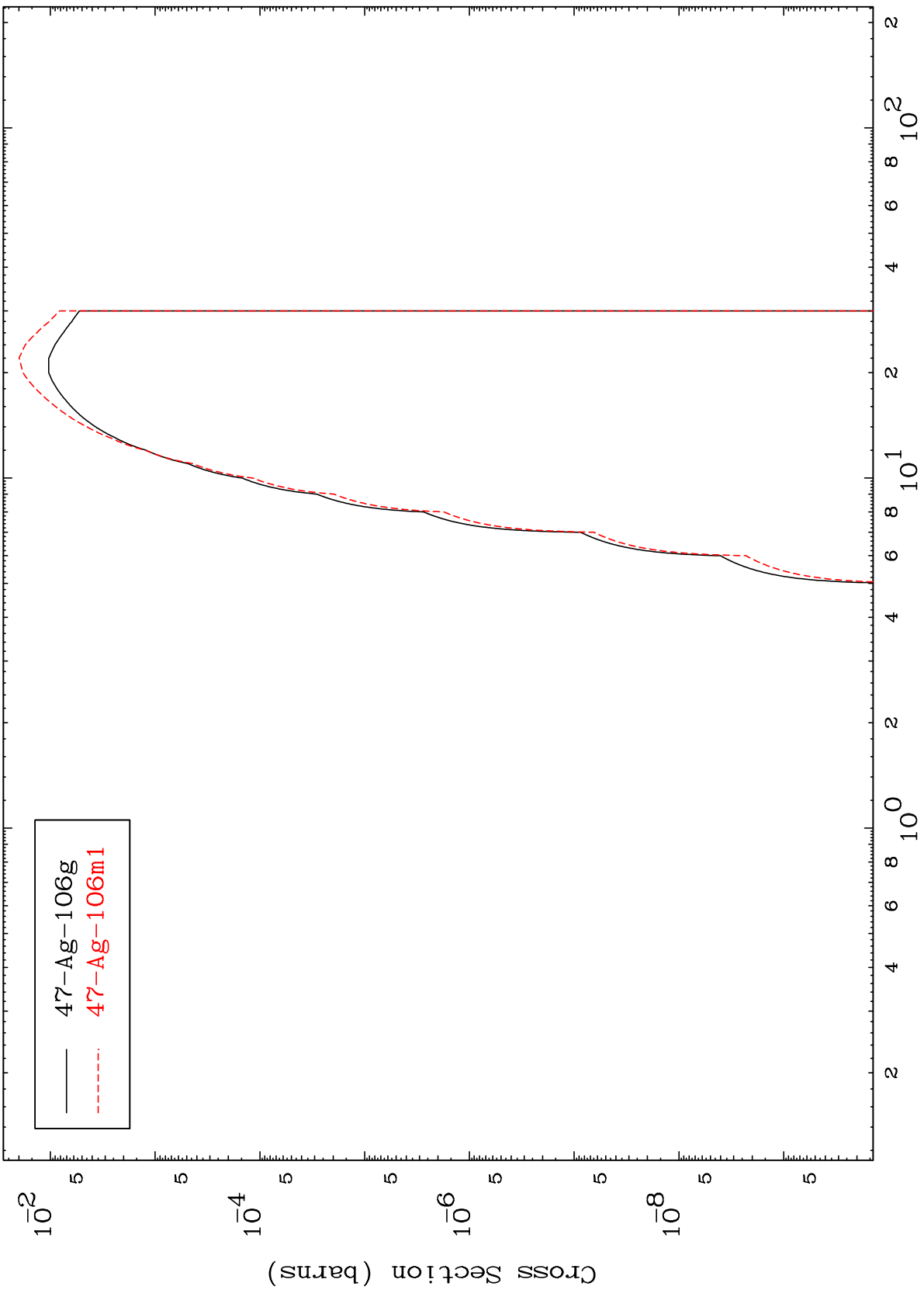


MAT 4834

(n,n')  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



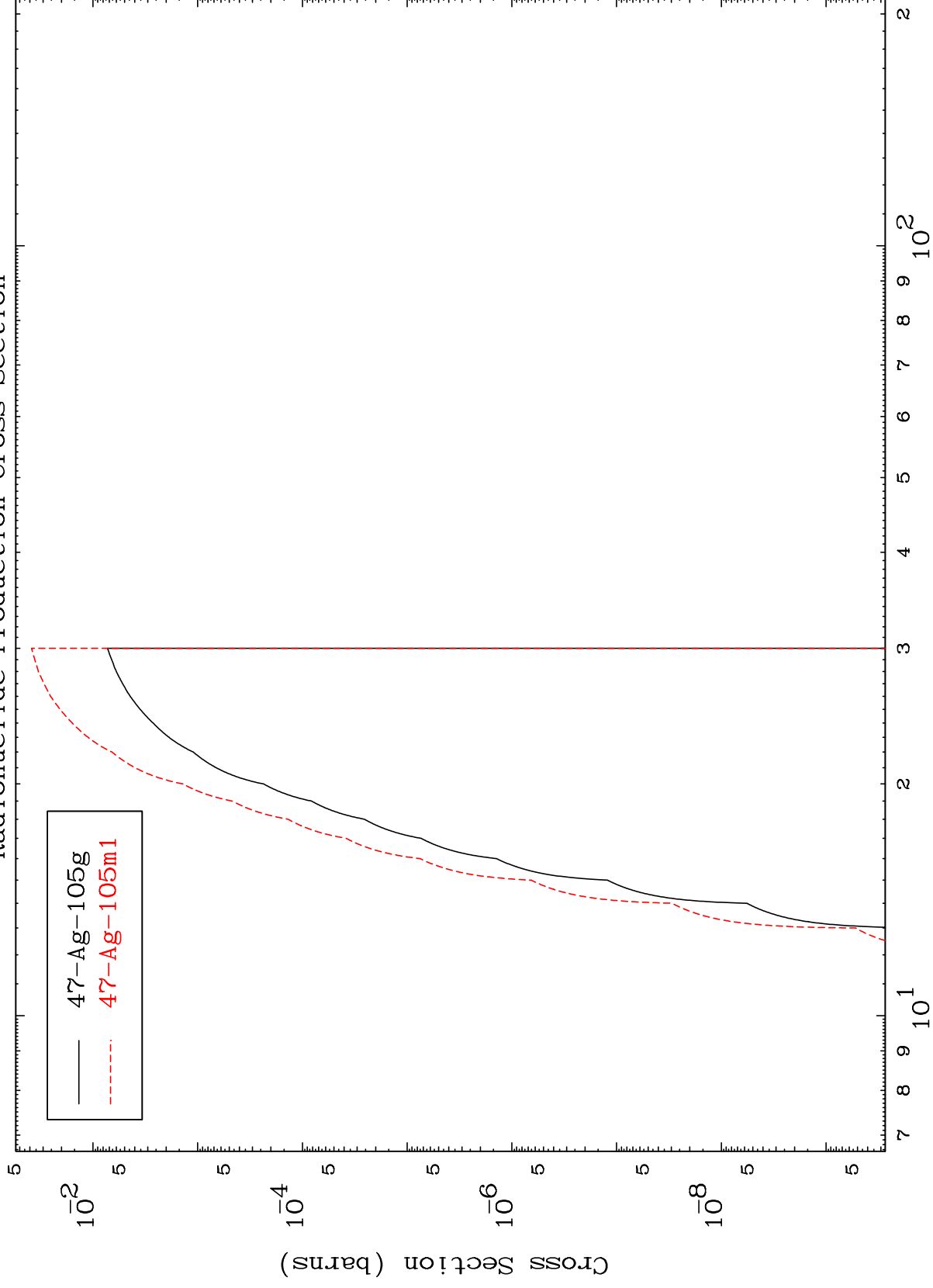
— 47-Ag-106g  
- - - 47-Ag-106m1

MAT 4834

(n,2n)  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



17

Incident Energy (MeV)

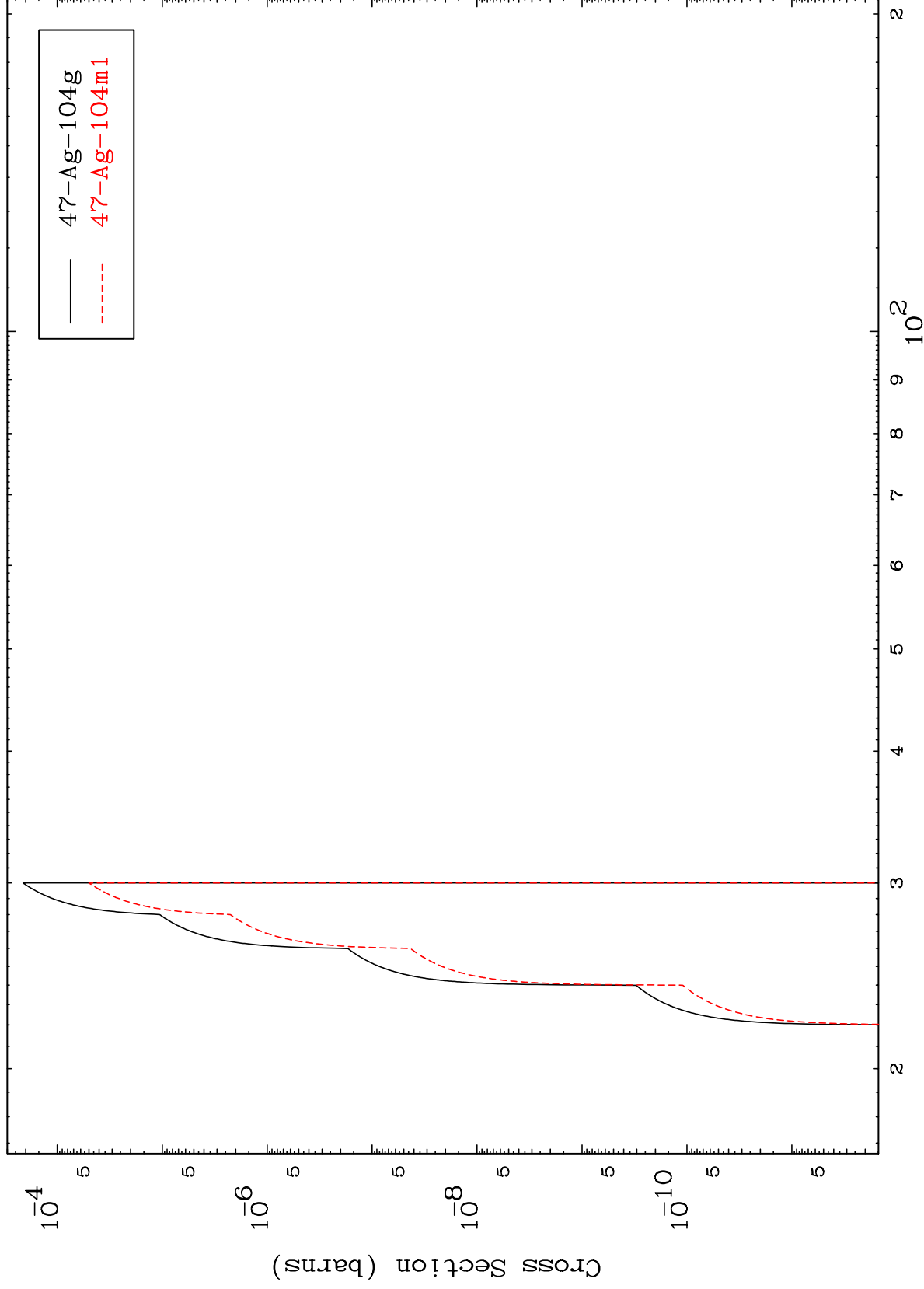
48-Cd-109

MAT 4834

(n,3n)  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



18

Incident Energy (MeV)

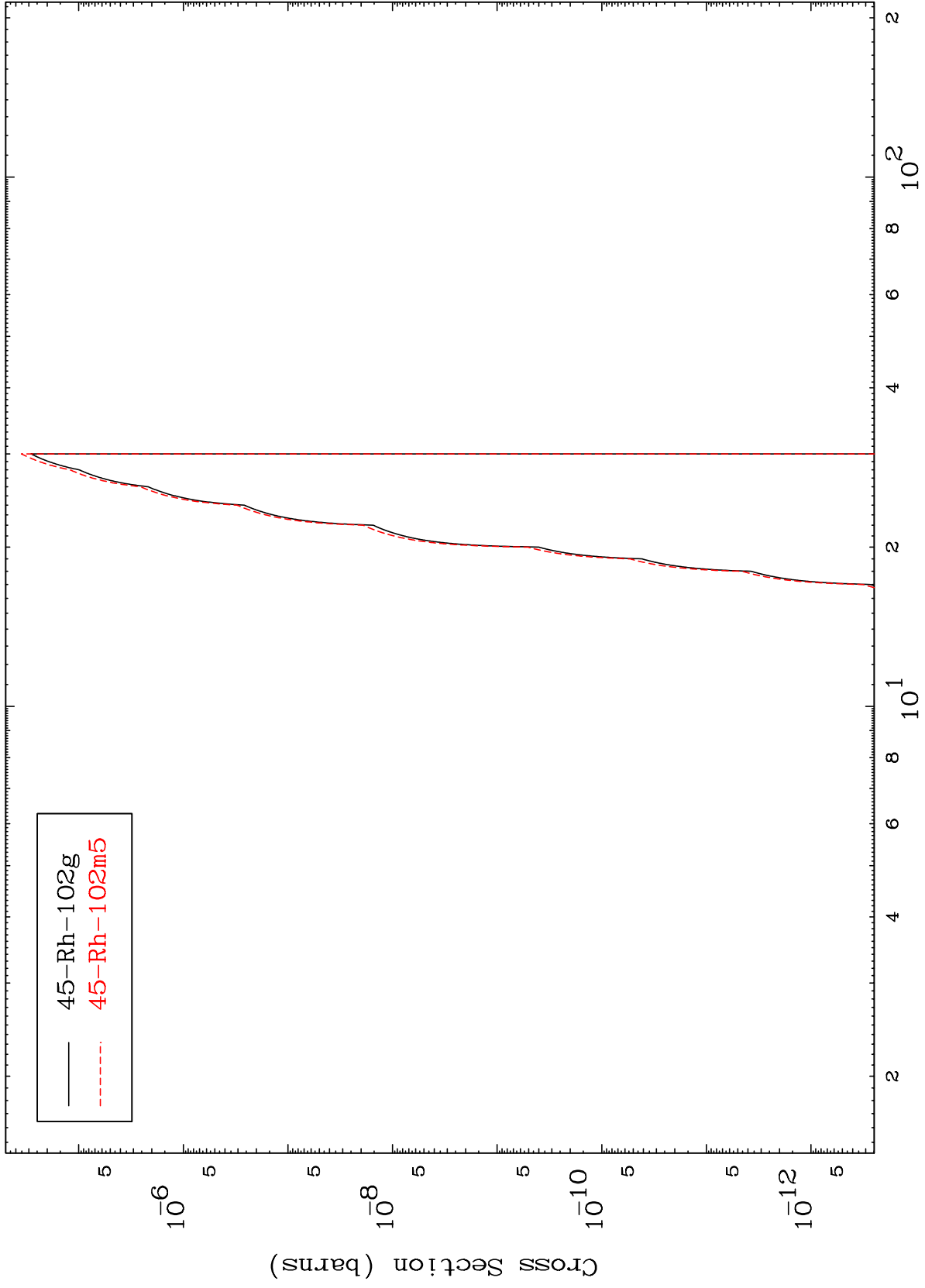
48-Cd-109

MAT 4834

(n,n') 2α

48-Cd-109

Radionuclide Production Cross Section



19

Incident Energy (MeV)

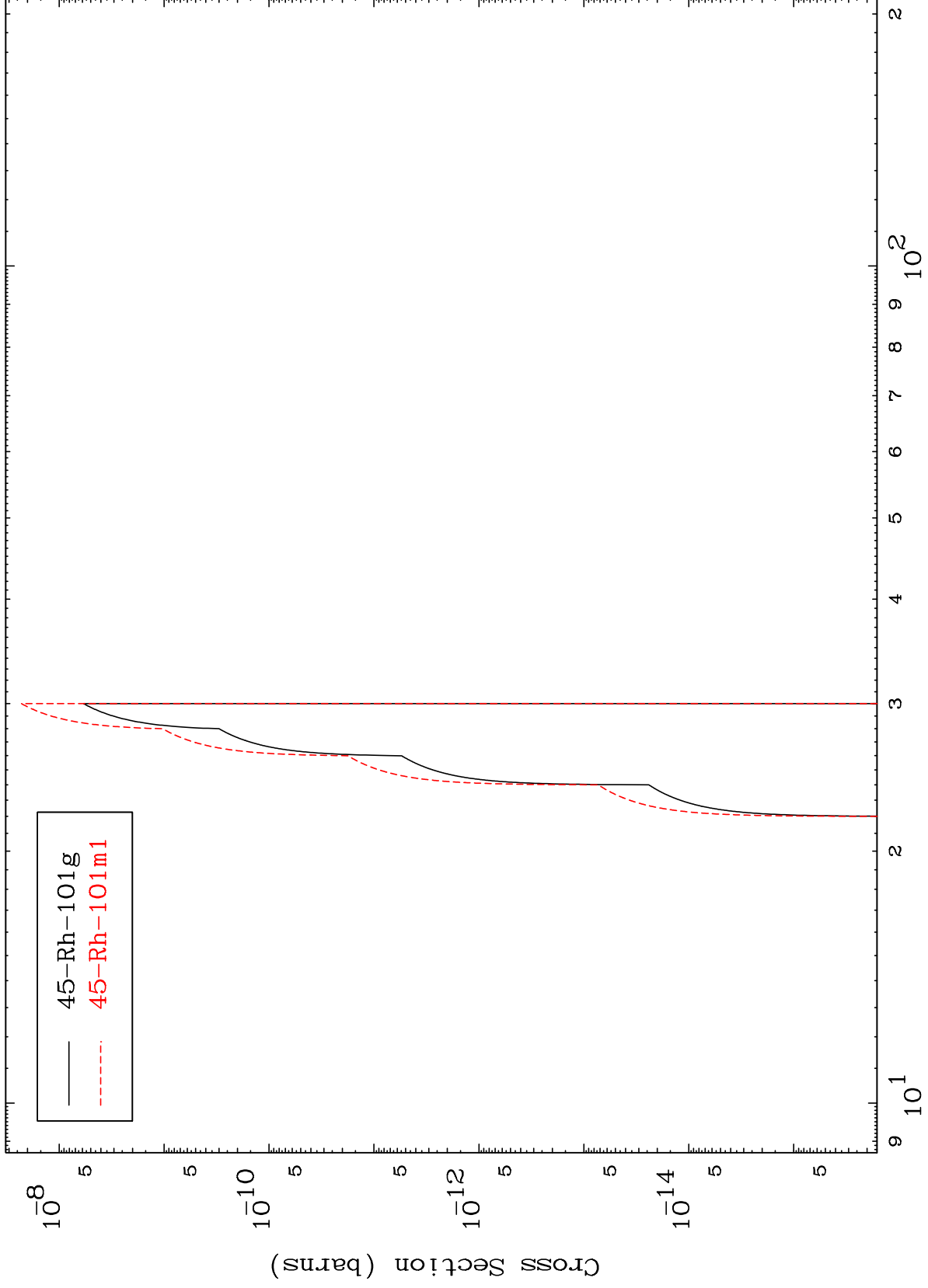
48-Cd-109

MAT 4834

(n,2n) 2α

48-Cd-109

Radionuclide Production Cross Section



20

Incident Energy (MeV)

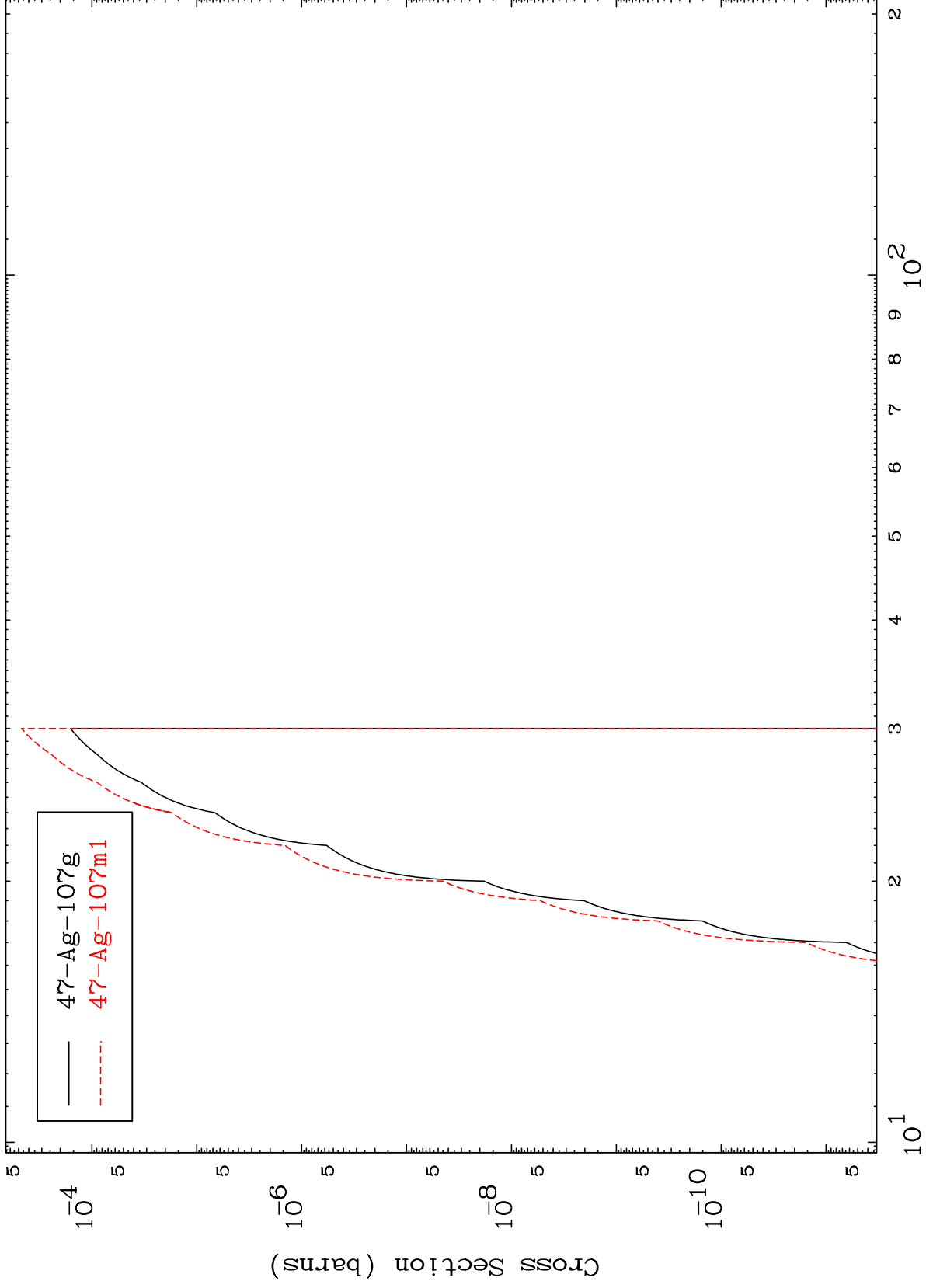
48-Cd-109

MAT 4834

(n,n') He-3

48-Cd-109

Radionuclide Production Cross Section

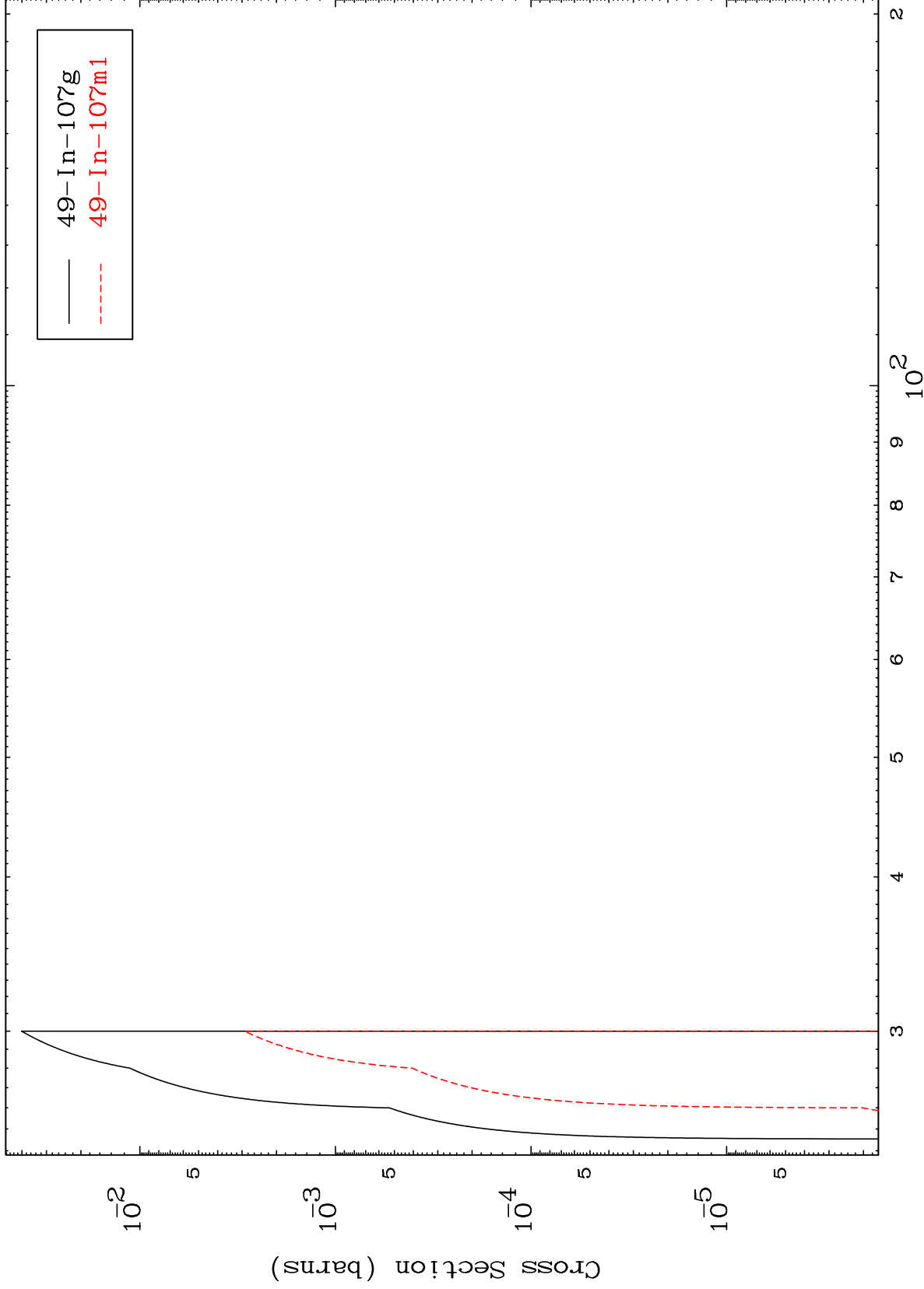


21

Incident Energy (MeV)

48-Cd-109

Radionuclide Production Cross Section



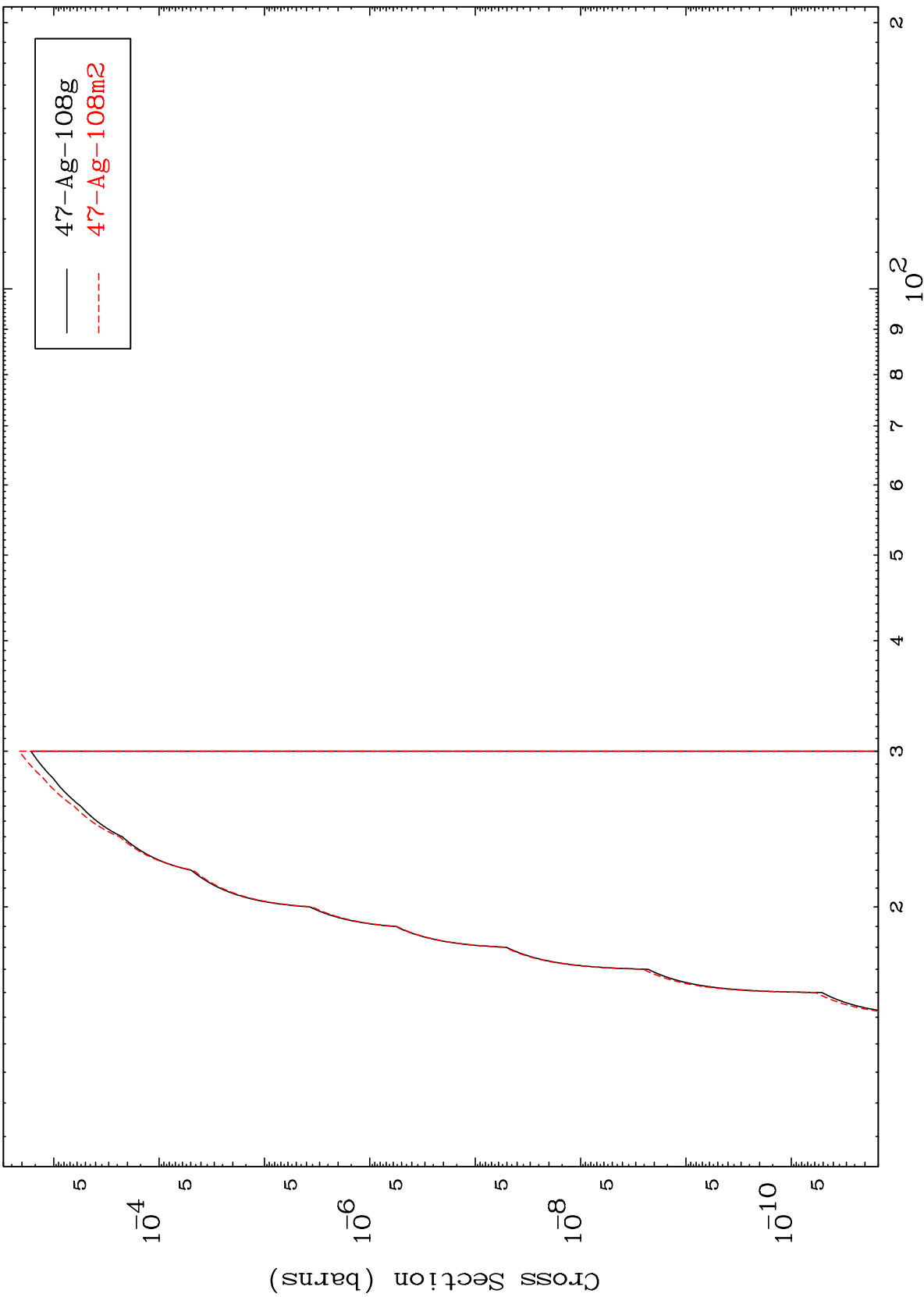
49-In-107g  
49-In-107m1

MAT 4834

(n,2n) p

48-Cd-109

Radionuclide Production Cross Section

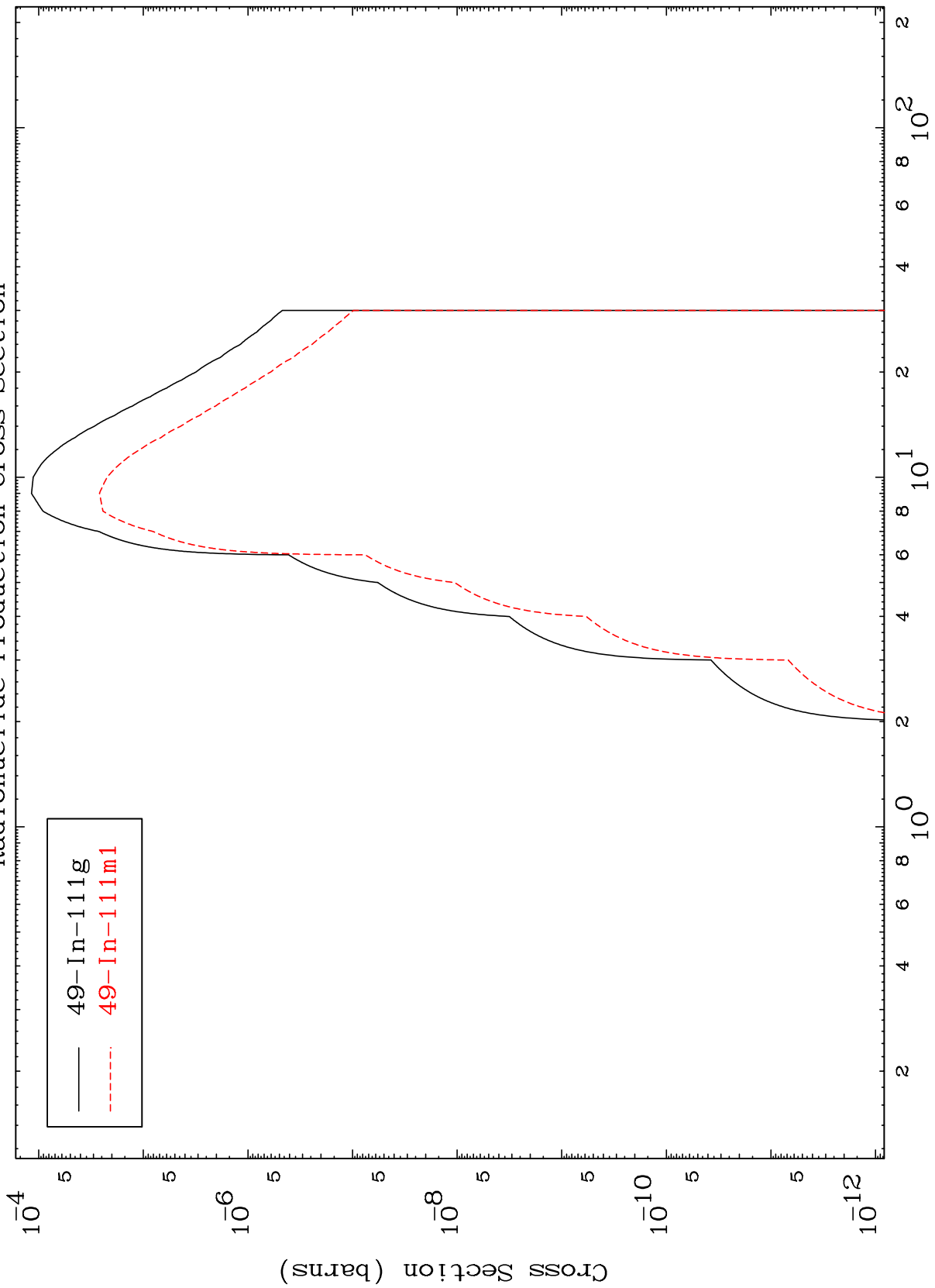




MAT 4834

48-Cd-109

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 49-In-111g  
- - - 49-In-111m1

24

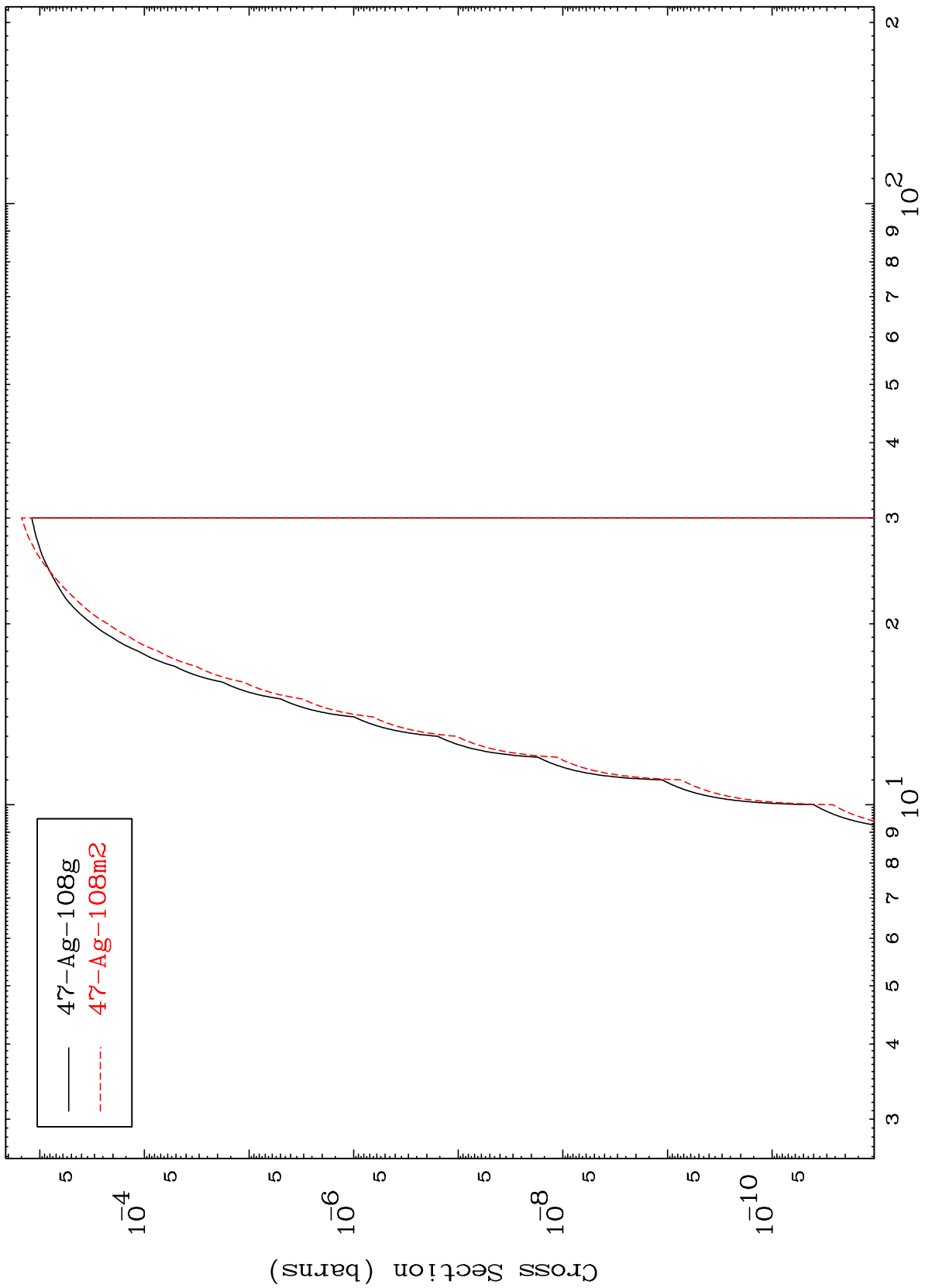
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

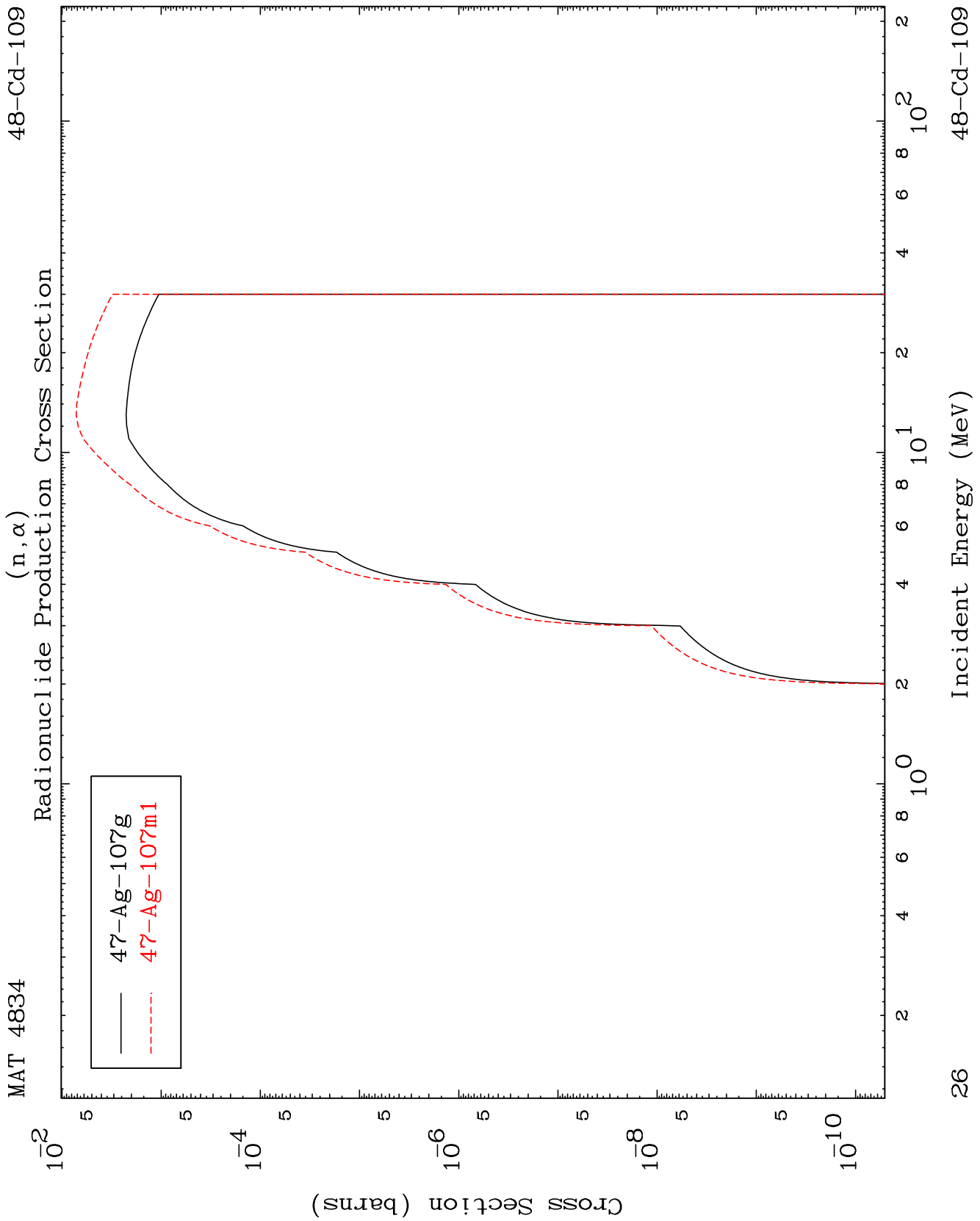
(n,He-3)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-109

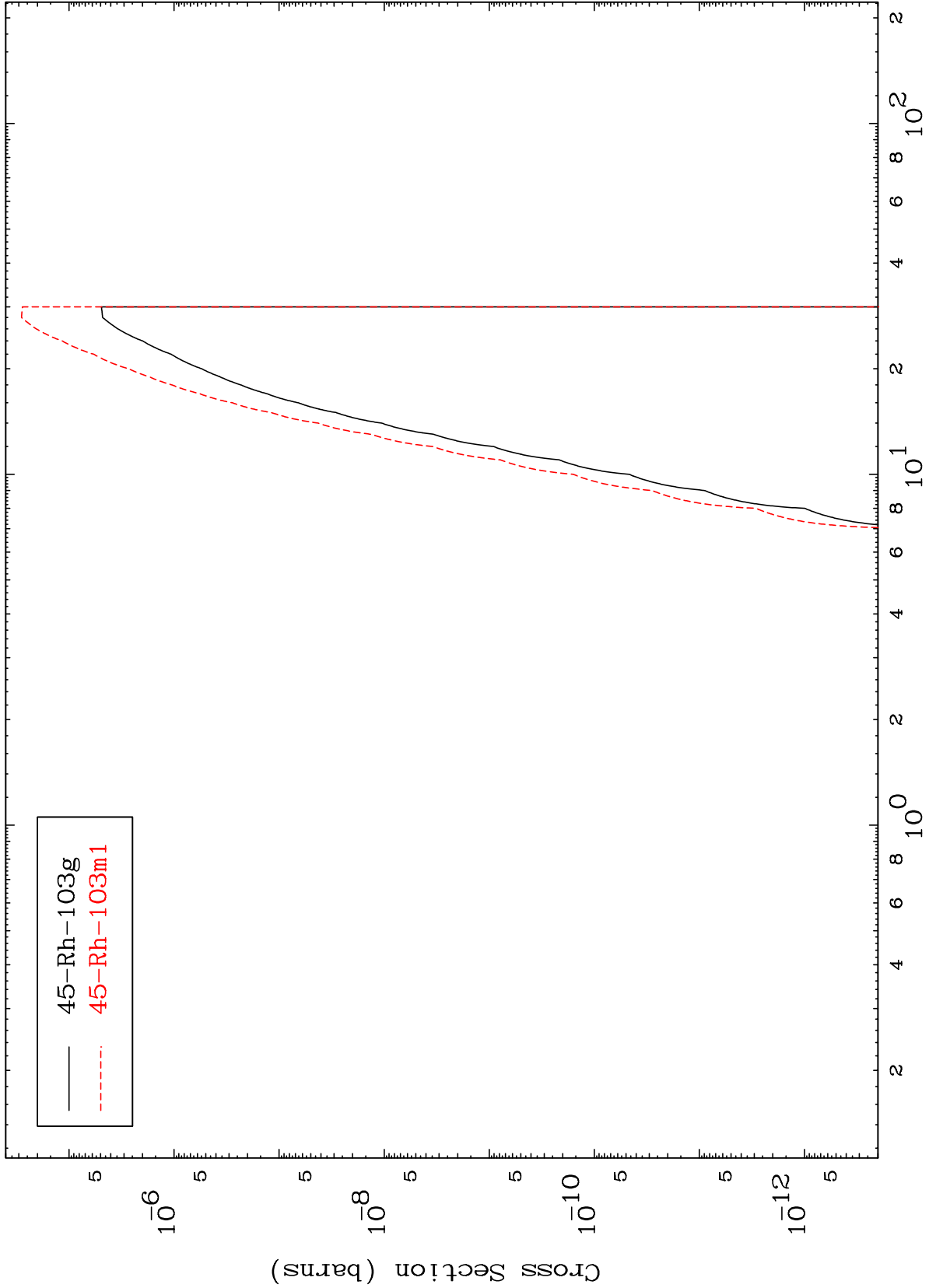


MAT 4834

(n,2α)

48-Cd-109

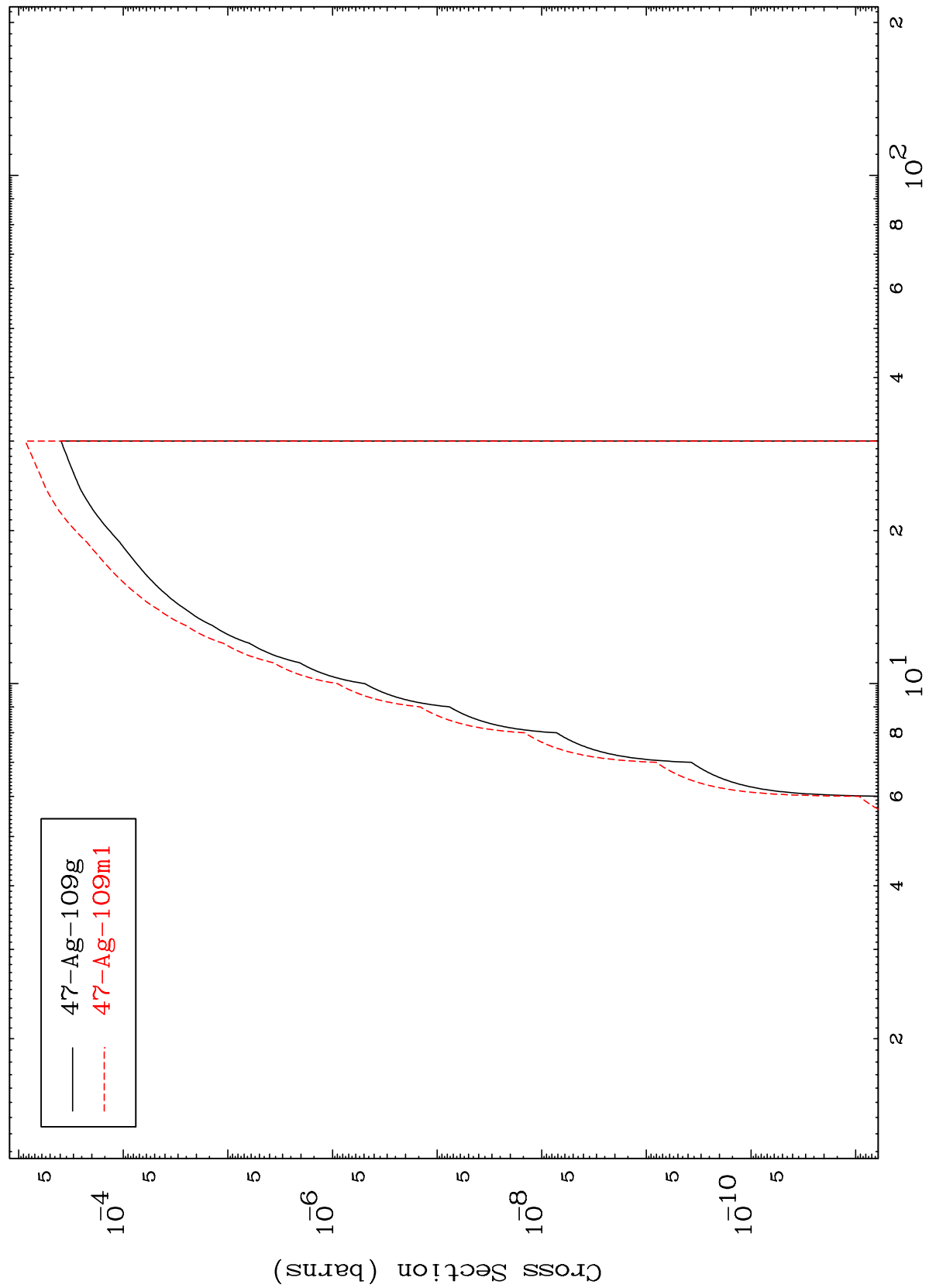
Radionuclide Production Cross Section



MAT 4834

48-Cd-109

(n,2p)  
Radionuclide Production Cross Section



28

48-Cd-109

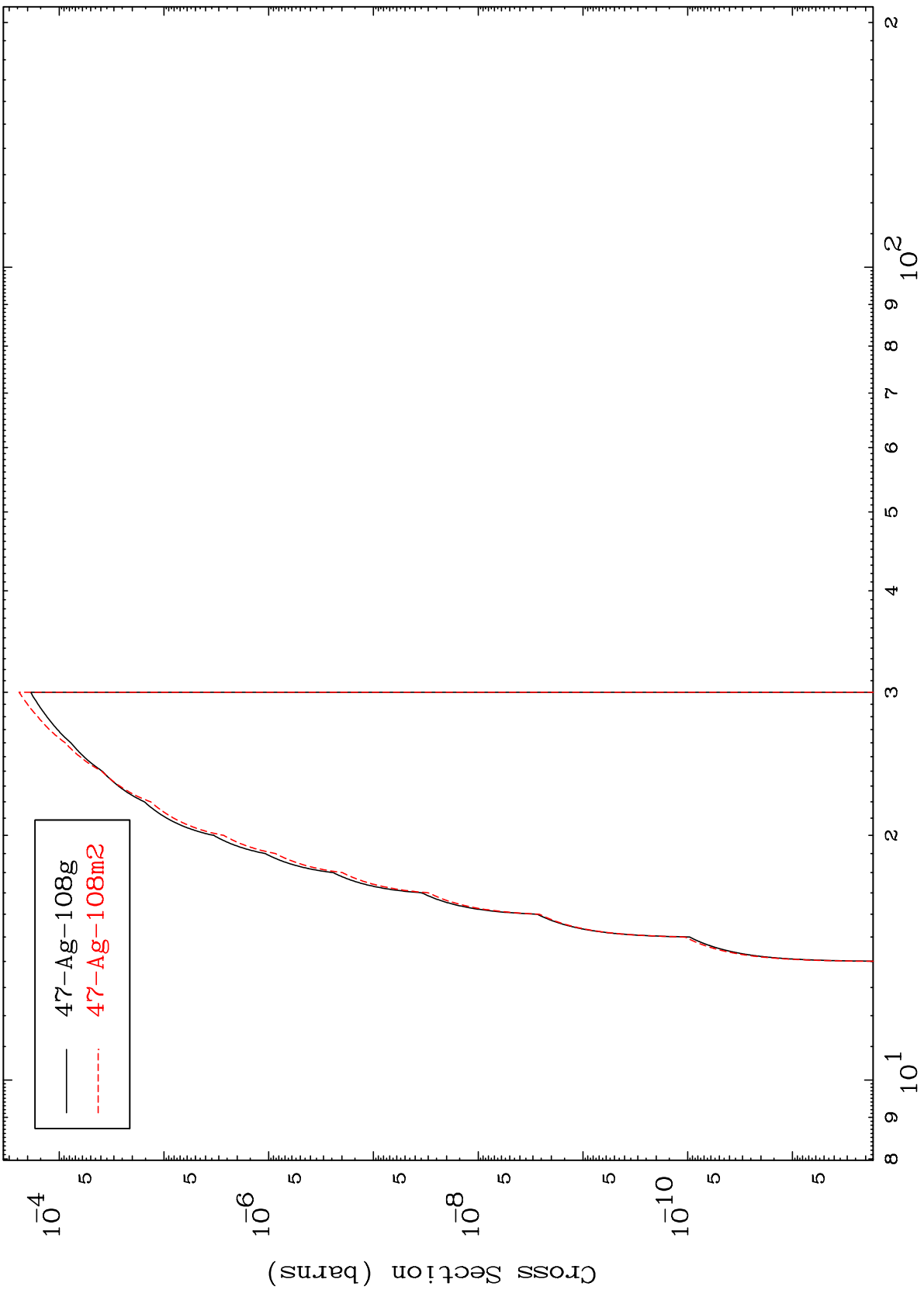
Incident Energy (MeV)

MAT 4834

(n,p) d

48-Cd-109

Radionuclide Production Cross Section



29

Incident Energy (MeV)

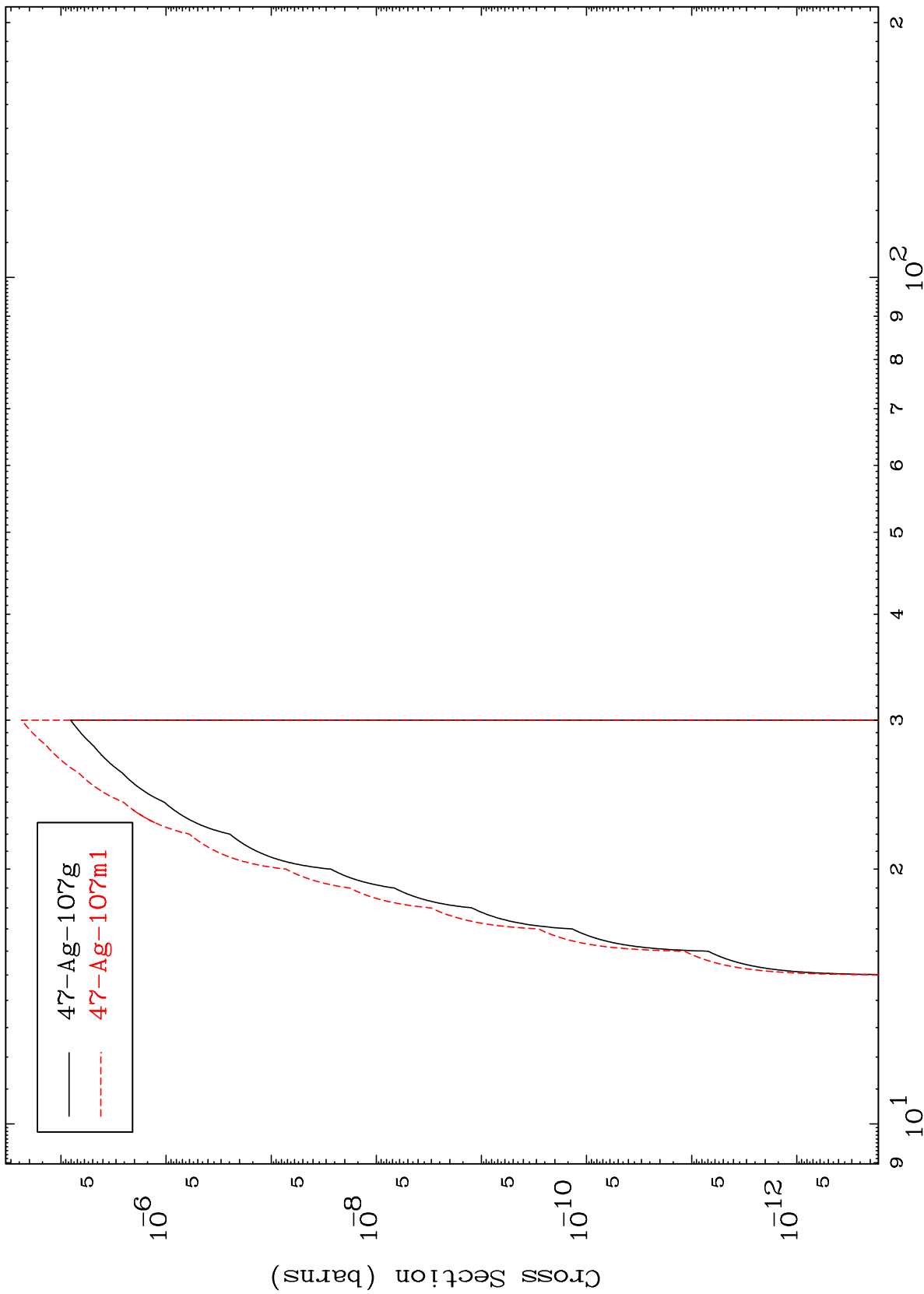
48-Cd-109

MAT 4834

(n,p) t

48-Cd-109

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-109

30